

2011 Statewide Communications Interoperability Plan (SCIP) Revision

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SAIC



Public Safety Interoperable
Communications Office

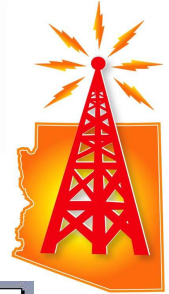


Overview

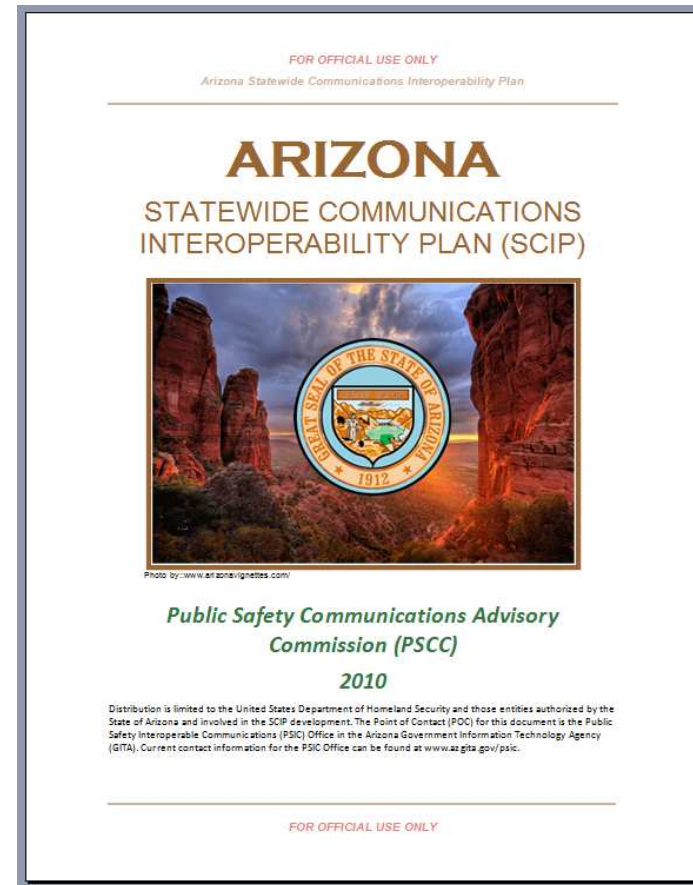


- SCIP Background
- Objectives for 2011 Revision
- SCIP Content
- Review and Discussion - Strategic Initiatives & Objectives
- Next Steps and Revision Timeline

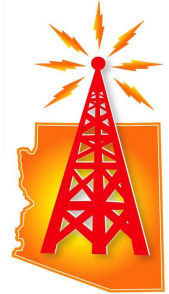
Arizona SCIP Background



- AZ's first SCIP was drafted to meet a grant requirement in 2007
- Submitted to the Dept. of Homeland Security (DHS) Office of Emergency Communications (OEC) in November 2007 and Approved
- PSIC has submitted SCIP Implementation (Update) Reports to DHS annually since 2009



2010 SCIP Revision Summary



- Current Updated SCIP was approved by PSCC on January 19, 2010 and included the following revisions:
 - Reflected changes in the AZ communications landscape since 2007 SCIP
 - Updated Strategic Initiatives
 - Reflected in-progress project accomplishments
 - PSCC Support Office move from DPS to GITA
 - Formation of the PSIC Office
 - Updates to the PSCC and SIEC membership
 - Updated information from stakeholder groups incorporated

Objectives for 2011 Revision



- Update Statewide Assessment section to reflect advancements made in interoperability since approval of the 2010 SCIP
- Revise Strategy section to remove completed or out dated or no longer prioritized initiatives and reflect newly prioritized initiatives.
- Revise to reflect Arizona's commitment toward meeting the FCC Narrowband requirement.
- Revise to reflect advancements in data interoperability and Broadband
- Revise National Emergency Communications Plan (NECP) Alignment section to strengthen the depiction of AZ's commitment toward meeting NECP Goals
- Update regional and state systems information, as applicable & available.
- Review all existing content for accuracy, currency, relevance and concise presentation.

SCIP Content Overview



- Introduction
- Background
- Methodology
- Current Statewide Assessment
- Strategy
- Conclusion
- Appendices

SCIP Sections 1 & 2 – Introduction & Background



- Introduces and defines the purpose of the Plan
- Provides an overview of Arizona and its regions to set the context for the rest of the Plan.
- The overview summarizes major geographic, demographic, and infrastructure elements that impact interoperable communications across Arizona and Arizona's public safety entities.

SCIP Section 3 – Methodology



- Outlines the participatory methodology used to develop and update the SCIP.
- Cross-jurisdictional and cross-disciplinary involvement in the development and maintenance of this SCIP is achieved via:
 - PSCC and SIEC public meetings and working groups to discuss and make recommendations for advancing statewide communications interoperability
 - PSIC Office coordination of public comment periods with stakeholders statewide

Section 4 – Current Statewide Assessment



- The Assessment section describes the current status of Arizona's interoperable communications capabilities.
- Key findings are divided into five SAFECOM categories:
 - Governance
 - SOPs
 - Technology
 - Training & Exercises
 - Usage & Outreach

Section 5 - Strategy



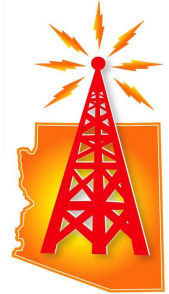
- Defines Arizona's strategy for improving interoperable communications by leveraging existing assets, agreements, and funding sources both short and long term
- Funding sources are identified, and grant management guidelines are defined
- Vision and Mission statements for improving interoperability are introduced
- Arizona's interoperability goals and objectives are defined, and linked to 12 strategic initiatives

Section 6 – Conclusion & Appendices



- Provides a brief summary of the contents of the SCIP and Next Steps.
- Appendices:
 - Regional and County Information
 - Tribal Nation POC Information
 - UASI POC Information
 - Executive Order 2007-23
 - PSCC and SIEC Membership
 - Technology Assets
 - Prior Year SCIP Implementation Report
 - State Shared Systems
 - References
 - Glossary
 - DHS SCIP Criteria Cross Reference
 - NECP Alignment with AZ SCIP

Review and Discussion of Strategic Initiatives and Objectives



- Today, the PSIC Office is requesting input and feedback on key changes to our strategic initiatives.
- These changes will drive many other needed revisions to the SCIP.
- We will contact stakeholders in the coming weeks for feedback on other sections in the SCIP.

Vision and Mission Statements



- To frame our Strategic Initiatives discussion, let's review the SCIP's Vision and Mission
- Interoperability Vision
 - Arizona is pursuing a vision for statewide interoperability that will enable public safety and service agencies/organizations to have access to quality interoperable communication systems, to be adequately trained, and to utilize such systems effectively in multi-disciplinary, multi-jurisdictional incident response.
- Mission
 - The mission for this SCIP is to advance public safety communications interoperability statewide. Elements and strategies presented in this SCIP support this ongoing mission.

Usage & Outreach



• Existing Initiative/Objectives

12	5.8.5.1	Create and Implement an Education and Outreach Plan in Support of Interoperable Communications
	1)	Develop a statewide Education and Outreach Plan in support of interoperable communications that describes the plan for encouraging collaboration and educating policy makers and practitioners.
	2)	Actively encourage and coordinate collaborative efforts to identify and address local, regional, tribal, and state barriers to advancing interoperability solutions and usage
	3)	Travel to regions where interoperable communications are needed and conduct group and one-on-one meetings to understand first hand the challenges facing public safety and service agencies/organizations in advancing interoperable communications, and support stakeholders as they address these challenges
	4)	Develop resources for interoperable communications to showcase success stories from across Arizona
	5)	Develop partnerships with agency public information officers, communication managers, regional communication centers and emergency managers.

• Proposed Initiative/Objectives

12	5.8.5.1	Create and Implement an Education and Outreach Plan in Support of Interoperable Communications
	1)	Develop and implement a statewide Education and Outreach Plan in support of interoperable communications that describes the plan for encouraging collaboration and educating policy makers and practitioners
	2)	Provide outreach to all stakeholders regarding FCC narrowbanding requirements and timelines
	3)	Provide outreach to all stakeholders regarding NECP requirements and timelines
	4)	Provide outreach to all stakeholders regarding interoperable communications channels

Training & Exercise



• Existing Initiatives/Objectives

10	5.8.4.1	Develop and Implement a Training Plan to Address Interoperable Communications
		1) Develop regional multi-year communications-focused T&EPs
		2) Develop a statewide multi-year communications-focused T&EP
		3) Develop and implement AIRS training statewide
		4) Implement a COML Training Program and determine a credentialing protocol
11	5.8.4.2	Develop and Implement a Strategy for Exercises Focused on or Incorporating Interoperable Communications
		1) Develop regional multi-year communications-focused T&EPs
		2) Develop a statewide multi-year communications-focused T&EP.

• Proposed Initiatives/Objectives

10	5.8.4.1	Develop and Implement a Training Plan to Address Interoperable Communications
		1) Develop regional multi-year communications-focused T&EPs
		2) Develop a statewide multi-year communications-focused T&EP
		3) Implement AIRS training statewide
		4) Implement the COML Training and Recognition Program and develop AZ based federally approved COML instructors
11	5.8.4.2	Develop and Implement a Strategy for Exercises Focused on or Incorporating Interoperable Communications
		1) Develop regional multi-year communications-focused T&EPs
		2) Develop a statewide multi-year communications-focused T&EP
		3) Conduct exercises focused on or incorporating interoperable communications
		5) Implement a COMT Training Program and determine a credentialing protocol

Technology Initiatives: #5 & 6



• Existing Initiatives/Objectives

5	5.8.3.1 1)	Complete AIRS by Deploying Remaining AIRS Suites Provide AIRS coverage for each of the 15 Arizona counties.
6	5.8.3.2 1) 2) 3) 4)	Implement, Enhance and Promote Functional Regional Systems in Support of Interoperable Communications Encourage partnerships in regional shared systems Support the development of new regional shared systems Provide enhancements to existing regional shared systems Develop interoperability connections between regional shared systems.

• Proposed Initiatives/Objectives

5	5.8.3.1 1) 2)	Enhance and promote AIRS as a short term interoperable communications solution Provide enhanced AIRS coverage in areas requiring additional support. Develop and Implement a Next Generation AIRS Plan
6	5.8.3.2 1) 2) 3) 4) 5) 6)	Implement, Enhance and Promote Functional Regional Systems in Support of Interoperable Communications Encourage partnerships in regional shared systems Support the development of new regional shared systems Provide enhancements to existing regional shared systems Develop interoperability connections between regional shared systems Develop regional strategic technology assets and other communications redundancies Program national interoperability channels into emergency responder radios (NECP milestone)

Technology Initiatives: #7 & 8



• Existing Initiatives/Objectives

7	5.8.3.3	Upgrade the Statewide Microwave Backbone Infrastructure to Digital Technology
		1) Complete the Microwave Southern Loop Connectivity (2010)
		2) Complete the Microwave Western Loop Connectivity (subject to funding availability)
		3) Complete the Microwave Northern Loop Connectivity (subject to funding availability).
8	5.8.3.4	Implement the State STR
		1) Pre-position and secure mobile interoperable communications assets for immediate deployment to impacted areas statewide in an emergency or major disaster
		2) Provide redundant communications assets which can reconstitute basic public safety/service communications in the event of a catastrophic communication failure
		3) Augment COG capabilities by providing a reserve of communications assets to government officials.

• Proposed Initiatives/Objectives

7	5.8.3.3	Upgrade the Statewide Microwave Backbone Infrastructure to Digital Technology
		1) Complete the Microwave Southern Loop Connectivity (2010)
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8	5.8.3.4	Implement the State STR
		1) Pre-position and secure mobile interoperable communications assets for immediate deployment to impacted areas statewide in an emergency or major disaster
		2) Provide redundant communications assets which can reconstitute basic public safety/service communications in the event of a catastrophic communication failure
		3) Augment COG capabilities by providing a reserve of communications assets to government officials
		4) Define alternate/backup capabilities in emergency communications plans (ECPs) (NECP milestone)

Technology Initiative: #9



- Existing Initiative/Objectives

9	5.8.3.5	Upgrade Operable Communication Systems for State Agencies In Support of Interoperable Communications
	1)	Develop a plan to provide State Agency Users with continued access to operable public safety/service LMR communications in support of statewide interoperability
	2)	Implement immediate solutions to enhance operable communication systems for State Agency Users in support of interoperable communications
	3)	Implement upgrades to operable communication systems for State Agency Users in support of interoperable communications.

- Proposed Initiative/Objectives

- No Changes Proposed; Keep Initiative As Is.

SOPs



• Existing Initiative/Objectives

4	5.8.2.1	Establish a PSP Framework, and Implement PSPs, Including SOPS, for Statewide Interoperable Communications Solutions
	1)	Develop a statewide interoperable communications PSP Framework
	2)	Develop consistent interoperable communications SOPs and SOP templates
	3)	Implement developed SOPs statewide.

• Proposed Initiative/Objectives

4	5.8.2.1	Establish a PSP Framework, and Implement PSPs, Including SOPS, for Statewide Interoperable Communications Solutions
	1)	Develop a statewide interoperable communications PSP Framework
	2)	Develop consistent interoperable communications SOPs and SOP templates
	3)	Implement developed SOPs statewide
	4)	Implement technical solutions to comply with established statewide PSPs
	5)	Develop a statewide public safety broadband integration/implementation strategy and related standards
	6)	Promote the use of plain language and decrease dependence on the use of coded substitutions (NECP milestone)

Governance Initiative: #1



• Existing Initiative/Objectives

1	5.8.1.1	Expand & Implement Interoperable Communications Governance Model & Plan
	1)	Conduct an annual review and update the SCIP as needed
	2)	Develop TICPs and expand the utilization of CASM (2011)
	3)	Strengthen the SIEC (2009).

[Clarification: PSIC proposes moving the 2nd Objective regarding TICP and CASM to a new Regional Governance Initiative (proposed below).]

• Proposed Initiative/Objectives

1	5.8.1.1	Expand & Implement Interoperable Communications Governance Model & Plan
	1)	Conduct an annual review and update the SCIP as needed
	2)	Continue to evolve the relationship between statewide governance entities and evolving regional & local governance entities

Governance Initiatives: #2 & 3



- Existing Initiatives/Objectives

2	5.8.1.2	Develop Long-term Plan for Statewide Interoperability for Voice and Data
	1) 2)	Develop a Long-term Plan for Statewide Interoperability for Voice (2011) Develop a Long-term Plan for Statewide Interoperability for Data (2011).
3	5.8.1.3	Develop and Implement Long-term Funding and Sustainability Strategy for Interoperable Communications
	1)	Identify known local, state, tribal, federal and/or private funding streams that could be used to support interoperability
	2)	Identify existing and projected interoperability projects in need of implementation and sustainment funding; determine funding requirements for each project
	3)	Develop a statewide long-term interoperable communications funding plan.

- PSIC Office recommends removal of initiatives 2 and 3 and instead:
 - Strengthening the long term interoperability plan section of the SCIP (rather than calling for development of a separate plan).
 - Eliminating the initiative for a separate funding plan and strengthening, over time, the funding plans within the SCIP.

Governance Initiatives: #2 & 3



- Proposed New Initiatives/Objectives

2	5.8.1.2	Develop Regional Communications Governance Structures
	1) 2)	Develop TICPs and expand the utilization of CASM Develop tactical planning among federal, state, local, and tribal governments at the regional interstate level (NECP milestone)
3	5.8.1.3	Implement a strategy for supporting national level goals applicable to regional, State, local and tribal interoperable communications
	1)	Promote compliance with state, local and tribal level objectives and milestones as listed in the NECP
	2)	Promote assessment/demonstration of NECP goals at the state, local and tribal level
	3)	Support implementation of FEMA and OEC initiatives
	4)	Promote narrowbanding in compliance with FCC mandates
	5)	Promote compliance with evolving national public safety broadband standards and structures

Discussion: What are We Missing?

Overview of SCIP Update Timeline



- February 15: Review and Discussion with PSCC & SIEC
- February - March: Interviews with key State and local personnel & additional data gathering
- Draft SCIP to PSCC, SIEC and public for review and comment:

<u>Draft Distributed</u>	<u>Comments Due By</u>
March 10th	March 24th
April 4 th	April 11th

- March 15th: Second SIEC Discussion
- April 19th: PSCC SCIP Update Discussion & Action Item for Updated SCIP Approval



Questions? Comments?
Further Discussion?